

Mechanisms of Development 75 (1998) 175-176



Author index

Volume 75 (1998)

Amemiya, A., see Nataf, V., 145

Artero, R.D., Terol-Alcayde, J., Paricio, N., Ring, J., Bargues, M., Torres, A., Perez-Alonso, M., saliva, a new Drosophila gene expressed in the embryonic salivary glands with homologues in plants and vertebrates, 159

Aruga, J., see Nakata, K., 43

Bach, A., see Leimeister, C., 29

Bargues, M., see Artero, R.D., 159

Barlow, A., see Francis-West, P., 3

Bellefroid, E., see Ryan, K., 155

Bodmer, R., see Park, M., 117

Bothwell, M., 167

Brennan, H.C., Nijjar, S., Jones, E.A., The specification of the pronephric tubules and duct in *Xenopus laevis*, 127

Broders, F., see Vallin, J., 171

Butler, K., see Ryan, K., 155

Champeval, D., see Nataf, V., 145

Chan, A.P.-Y., see Kloc, M., 81

Clevers, H., see Molenaar, M., 151

Destrée, O., see Molenaar, M., 151

Etkin, L.D., see Kloc, M., 81

Francis-West, P., Ladher, R., Barlow, A., Graveson, A., Signalling interactions during facial development, 3

Gessler, M., see Leimeister, C., 29

Girault, J.-M., see Vallin, J., 171

Grapin-Botton, A., see Nataf, V., 145

Graveson, A., see Francis-West, P., 3

Gurdon, J.B., see Mahony, D., 95

Gurdon, J.B., see Ryan, K., 155

Humphreys, T., see Tagawa, K., 139

Jones, E.A., see Brennan, H.C., 127

Joyner, A.L., see Liu, A., 107

Kessel, M., see Stein, S., 163

Kloc, M., Larabell, C., Chan, A.P.-Y., Etkin, L.D., Contribution of METRO pathway localized molecules to the organization of the germ cell lineage, 81

Ladher, R., see Francis-West, P., 3

Larabell, C., see Kloc, M., 81

Le Douarin, N.M., see Nataf, V., 145

Lee, M., see Zhao, J., 67

Leimeister, C., Bach, A., Gessler, M., Developmental expression pat-

terns of mouse sFRP genes encoding members of the secreted frizzled related protein family, 29

Liu, A., Joyner, A.L., Turnbull, D.H., Alteration of limb and brain patterning in early mouse embryos by ultrasound-guided injection of Shh-expressing cells, 107

Mahony, D., Weis, F.M.B., Massagué, J., Gurdon, J.B., XTrR-I is a $TGF\beta$ receptor and overexpression of truncated form of the receptor inhibits axis formation and dorsalising activity, 95

Massagué, J., see Mahony, D., 95

Mikoshiba, K., see Nakata, K., 43

Molenaar, M., Roose, J., Peterson, J., Venanzi, S., Clevers, H., Destrée, O., Differential expression of the HMG box transcription factors *XTcf*-3 and *XLef*-1 during early Xenopus development, 151

Nagai, T., see Nakata, K., 43

Nakata, K., Nagai, T., Aruga, J., Mikoshiba, K., Xenopus Zic family and its role in neural and neural crest development, 43

Nataf, V., Grapin-Botton, A., Champeval, D., Amemiya, A., Yanagi-sawa, M., Le Douarin, N.M., The expression patterns of endothelin-A receptor and endothelin 1 in the avian embryo, 145

Nijjar, S., see Brennan, H.C., 127

Paricio, N., see Artero, R.D., 159

Park, M., Yaich, L.E., Bodmer, R., Mesodermal cell fate decisions in *Drosophila* are under the control of the lineage genes *numb*, *Notch*, and *sanpodo*, 117

Peale Jr., F.V., 167

Peale Jr., F.V., Sugden, L., Bothwell, M., Characterization of CMIX, a chicken homeobox gene related to the Xenopus gene mix.1, 167

Perez-Alonso, M., see Artero, R.D., 159 Peterson, J., see Molenaar, M., 151

Ring, J., see Artero, R.D., 159

Roeser, T., see Stein, S., 163

Roose, J., see Molenaar, M., 151

Ryan, K., Butler, K., Bellefroid, E., Gurdon, J.B., *Xenopus* Eomesodermin is expressed in neural differentiation, 155

Saga, Y., Genetic rescue of segmentation defect in MesP2-deficient mice by *MesP1* gene replacement, 53

Şatoh, N., see Tagawa, K., 139

Smith, S., see Zhao, J., 67

Stein, S., Roeser, T., Kessel, M., CMIX, a paired-type homeobox gene expressed before and during formation of the avian primitive streak, 163

Sugden, L., 167

Tagawa, K., Humphreys, T., Satoh, N., Novel pattern of *Brachyury* gene expression in hemichordate embryos, 139

Tefft, J.D., see Zhao, J., 67

Terol-Alcayde, J., see Artero, R.D., 159 Thiery, J.P., see Vallin, J., 171 Torres, A., see Artero, R.D., 159 Turnbull, D.H., see Liu, A., 107

Vallin, J., Girault, J.-M., Thiery, J.P., Broders, F., Xenopus cadherin-11 is expressed in different populations of migrating neural crest cells, 171

Venanzi, S., see Molenaar, M., 151

Warburton, D., see Zhao, J., 67 Weis, F.M.B., see Mahony, D., 95

Yaich, L.E., see Park, M., 117 Yanagisawa, M., see Nataf, V., 145

Zhao, J., Tefft, J.D., Lee, M., Smith, S., Warburton, D., Abrogation of betaglycan attenuates TGF-β-mediated inhibition of embryonic murine lung branching morphogenesis in culture, 67



Mechanisms of Development 75 (1998) 177-180



Subject index

Volume 75 (1998)

Antisense oligodeoxynucleotide inhibition; Betaglycan; TGF- β signaling; Lung branching morphogenesis; Competitive PCR; Attenuation 75, 67

Archenteron invagination region; *Brachyury* gene; Hemichordate embryos; Expression pattern; Stomodeum invagination region **75**, 139

Armadillo; *Xenopus laevis*; Development; Mid blastula transition (MBT); Embryo; Cancer; HMG box; Tcf; Lef; Wnt; Wingless; β -catenin; Central nervous system (CNS); Neural crest; Branchial arches; Eye; Otic vesicle; Mesoderm; Mesenchyme; Tailbud; Endoderm; Heart; Limb bud **75**, 151

Attenuation; Betaglycan; TGF- β signaling; Antisense oligodeoxynucleotide inhibition; Lung branching morphogenesis; Competitive PCR **75.** 67

Avian; Endothelin 1; Endothelin-A receptor; Neural crest 75, 145

β-catenin; Xenopus laevis; Development; Mid blastula transition (MBT); Embryo; Cancer; HMG box; Tcf; Lef; Wnt; Wingless; Armadillo; Central nervous system (CNS); Neural crest; Branchial arches; Eye; Otic vesicle; Mesoderm; Mesenchyme; Tailbud; Endoderm; Heart; Limb bud 75, 151

Betaglycan; TGF- β signaling; Antisense oligodeoxynucleotide inhibition; Lung branching morphogenesis; Competitive PCR; Attenuation **75**, 67

Bone morphogenetic proteins; Facial primordia; Homeobox genes; Signalling molecules; Patterning; Neural crest; Wnt; Hh; Fibroblast growth factors; Mouse mutants; Human craniofacial syndromes **75**, 3

Brachyury gene; Hemichordate embryos; Expression pattern; Archenteron invagination region; Stomodeum invagination region 75, 139

Branchial arches; *Xenopus laevis*; Development; Mid blastula transition (MBT); Embryo; Cancer; HMG box; Tcf; Lef; Wnt; Wingless; β -catenin; Armadillo; Central nervous system (CNS); Neural crest; Eye; Otic vesicle; Mesoderm; Mesenchyme; Tailbud; Endoderm; Heart; Limb bud **75**, 151

Cadherin-11; Xenopus laevis; Neural crest; Cell migration 75, 171

Cancer; Armadillo; *Xenopus laevis*; Development; Mid blastula transition (MBT); Embryo; HMG box; Tcf; Lef; Wnt; Wingless; β -catenin; Central nervous system (CNS); Neural crest; Branchial arches; Eye; Otic vesicle; Mesoderm; Mesenchyme; Tailbud; Endoderm; Heart; Limb bud **75.** 151

Cell migration; Xenopus laevis; Cadherin-11; Neural crest 75, 171

Central nervous system (CNS); Xenopus laevis; Development; Mid blastula transition (MBT); Embryo; Cancer; HMG box; Tcf; Lef; Wnt;

Wingless; β -catenin; Armadillo; Neural crest; Branchial arches; Eye; Otic vesicle; Mesoderm; Mesenchyme; Tailbud; Endoderm; Heart; Limb bud 75, 151

Cerebellum; *Xenopus*; Eomesodermin; Neural; Forebrain; Telencephalon; Olfactory; Placodes; Diencephalon; T-box genes **75**, 155

Chick; CMIX; Homeobox; Mesoderm; Primitive streak; Gastrullation 75, 163

Chick; CMIX; Gastrulation; Homeobox; Mesoderm; Mix. 1 75, 167

CMIX; Homeobox; Chick; Mesoderm; Primitive streak; Gastrullation 75, 163

CMIX; Chick; Gastrulation; Homeobox; Mesoderm; Mix. 1 75, 167

Competitive PCR; Betaglycan; TGF- β signaling; Antisense oligodeoxynucleotide inhibition; Lung branching morphogenesis; Attenuation 75, 67

Development; Differential display; Eye; Frizzled; In situ hybridization; Joints; Kidney; Metanephros; Nervous system; sFRP; Wnt **75**, 29

Development; Oogenesis; RNA localization; *Xenopus laevis*; Germ plasm 75, 81

Development; *Xenopus laevis*; Mid blastula transition (MBT); Embryo; Cancer; HMG box; Tcf; Lef; Wnt; Wingless; β -catenin; Armadillo; Central nervous system (CNS); Neural crest; Branchial arches; Eye; Otic vesicle; Mesoderm; Mesenchyme; Tailbud; Endoderm; Heart; Limb bud **75**, 151

Development; saliva; Drosophila; Evolutionary conservation; Salivary glands; Salivary gland placodes; Embryo; Morphogenesis; Immunohistochemistry **75**, 159

Diencephalon; *Xenopus*; Eomesodermin; Neural; Forebrain; Telencephalon; Olfactory; Placodes; Cerebellum; T-box genes **75**, 155

Differential display; Development; Eye; Frizzled; In situ hybridization; Joints; Kidney; Metanephros; Nervous system; sFRP; Wnt 75, 29

Drosophila; Notch; Muscle; sanpodo; numb 75, 117

Drosophila; saliva; Evolutionary conservation; Salivary glands; Salivary gland placodes; Embryo; Morphogenesis; Immunohistochemistry; Development 75, 159

Embryo; Armadillo; *Xenopus laevis*; Development; Mid blastula transition (MBT); Cancer; HMG box; Tcf; Lef; Wnt; Wingless; β -catenin; Central nervous system (CNS); Neural crest; Branchial arches; Eye; Otic vesicle; Mesoderm; Mesenchyme; Tailbud; Endoderm; Heart; Limb bud 75, 151

Embryo; saliva; Drosophila; Evolutionary conservation; Salivary glands; Salivary gland placodes; Morphogenesis; Immunohistochemistry; Development **75**, 159

Endoderm; *Xenopus laevis*; Development; Mid blastula transition (MBT); Embryo; Cancer; HMG box; Tcf; Lef; Wnt; Wingless; β -catenin; Armadillo; Central nervous system (CNS); Neural crest; Branchial arches; Eye; Otic vesicle; Mesoderm; Mesenchyme; Tailbud; Heart; Limb bud **75**, 151

Endothelin 1; Endothelin-A receptor; Avian; Neural crest 75, 145

Endothelin-A receptor; Endothelin 1; Avian; Neural crest 75, 145

Eomesodermin; *Xenopus*; Neural; Forebrain; Telencephalon; Olfactory; Placodes; Diencephalon; Cerebellum; T-box genes **75**, 155

Evolutionary conservation; *saliva*; *Drosophila*; Salivary glands; Salivary gland placodes; Embryo; Morphogenesis; Immunohistochemistry; Development **75**, 159

Expression pattern; Brachyury gene; Hemichordate embryos; Archenteron invagination region; Stomodeum invagination region 75, 139

Eye; Development; Differential display; Frizzled; In situ hybridization; Joints; Kidney; Metanephros; Nervous system; sFRP; Wnt 75, 29

Eye; Xenopus laevis; Development; Mid blastula transition (MBT); Embryo; Cancer; HMG box; Tcf; Lef; Wnt; Wingless; β -catenin; Armadillo; Central nervous system (CNS); Neural crest; Branchial arches; Otic vesicle; Mesoderm; Mesenchyme; Tailbud; Endoderm; Heart; Limb bud 75, 151

Facial primordia; Homeobox genes; Signalling molecules; Patterning; Neural crest; Wnt; Hh; Bone morphogenetic proteins; Fibroblast growth factors; Mouse mutants; Human craniofacial syndromes **75**, 3

Fibroblast growth factors; Facial primordia; Homeobox genes; Signalling molecules; Patterning; Neural crest; Wnt; Hh; Bone morphogenetic proteins; Mouse mutants; Human craniofacial syndromes 75, 3

Forebrain; *Xenopus*; Eomesodermin; Neural; Telencephalon; Olfactory; Placodes; Diencephalon; Cerebellum; T-box genes **75**, 155

Frizzled; Development; Differential display; Eye; In situ hybridization; Joints; Kidney; Metanephros; Nervous system; sFRP; Wnt 75, 29

Gastrulation; Chick; CMIX; Homeobox; Mesoderm; Mix.1 75, 167

Gastrullation; CMIX; Homeobox; Chick; Mesoderm; Primitive streak 75, 163

Gene misexpression studies; Mouse; Sonic hedgehog 75, 107

Germ plasm; Development; Oogenesis; RNA localization; Xenopus laevis 75, 81

Heart; *Xenopus laevis*; Development; Mid blastula transition (MBT); Embryo; Cancer; HMG box; Tcf; Lef; Wnt; Wingless; β-catenin; Armadillo; Central nervous system (CNS); Neural crest; Branchial arches; Eye; Otic vesicle; Mesoderm; Mesenchyme; Tailbud; Endoderm; Limb bud **75**, 151

Heart morphogenesis; MesP1; MesP2; Knock-in; Somitogenesis 75, 53

Hemichordate embryos; *Brachyury* gene; Expression pattern; Archenteron invagination region; Stomodeum invagination region **75**, 139

Hh; Facial primordia; Homeobox genes; Signalling molecules; Patterning; Neural crest; Wnt; Bone morphogenetic proteins; Fibroblast growth factors; Mouse mutants; Human craniofacial syndromes **75**, 3

HMG box; *Xenopus laevis*; Development; Mid blastula transition (MBT); Embryo; Cancer; Tcf; Lef; Wnt; Wingless; β -catenin; Armadillo; Central nervous system (CNS); Neural crest; Branchial arches; Eye; Otic vesicle; Mesoderm; Mesenchyme; Tailbud; Endoderm; Heart; Limb bud **75**, 151

Homeobox; CMIX; Chick; Mesoderm; Primitive streak; Gastrullation 75, 163

Homeobox; Chick; CMIX; Gastrulation; Mesoderm; Mix.1 75, 167

Homeobox genes; Facial primordia; Signalling molecules; Patterning; Neural crest; Wnt; Hh; Bone morphogenetic proteins; Fibroblast growth factors; Mouse mutants; Human craniofacial syndromes **75**, 3

Human craniofacial syndromes; Facial primordia; Homeobox genes; Signalling molecules; Patterning; Neural crest; Wnt; Hh; Bone morphogenetic proteins; Fibroblast growth factors; Mouse mutants **75**, 3

Immunohistochemistry; *saliva*; *Drosophila*; Evolutionary conservation; Salivary glands; Salivary gland placodes; Embryo; Morphogenesis; Development **75**, 159

In situ hybridization; Development; Differential display; Eye; Frizzled; Joints; Kidney; Metanephros; Nervous system; sFRP; Wnt 75, 29

Joints; Development; Differential display; Eye; Frizzled; In situ hybridization; Kidney; Metanephros; Nervous system; sFRP; Wnt 75, 29

Kidney; Development; Differential display; Eye; Frizzled; In situ hybridization; Joints; Metanephros; Nervous system; sFRP; Wnt 75, 29

Knock-in; MesP1; MesP2; Somitogenesis; Heart morphogenesis 75,

Lef; *Xenopus laevis*; Development; Mid blastula transition (MBT); Embryo; Cancer; HMG box; Tcf; Wnt; Wingless; β -catenin; Armadillo; Central nervous system (CNS); Neural crest; Branchial arches; Eye; Otic vesicle; Mesoderm; Mesenchyme; Tailbud; Endoderm; Heart; Limb bud **75**, 151

Limb bud; *Xenopus laevis*; Development; Mid blastula transition (MBT); Embryo; Cancer; HMG box; Tcf; Lef; Wnt; Wingless; β -catenin; Armadillo; Central nervous system (CNS); Neural crest; Branchial arches; Eye; Otic vesicle; Mesoderm; Mesenchyme; Tailbud; Endoderm; Heart 75, 151

Lung branching morphogenesis; Betaglycan; TGF- β signaling; Antisense oligodeoxynucleotide inhibition; Competitive PCR; Attenuation 75, 67

Melanocyte; Zic; odd-paired; Neural induction; Neural crest; Xenopus; Zic family; Zic1; Zic2; Zic3; Neural development; Neural plate; Neuroectoderm; Slug; Twist; Somite; Zinc finger protein 75, 43

Mesenchyme; *Xenopus laevis*; Development; Mid blastula transition (MBT); Embryo; Cancer; HMG box; Tcf; Lef; Wnt; Wingless; β -cate-

nin; Armadillo; Central nervous system (CNS); Neural crest; Branchial arches; Eye; Otic vesicle; Mesoderm; Tailbud; Endoderm; Heart; Limb bud 75, 151

Mesoderm; Xenopus; siamois 75, 95

Mesoderm; *Xenopus laevis*; Development; Mid blastula transition (MBT); Embryo; Cancer; HMG box; Tcf; Lef; Wnt; Wingless; β -catenin; Armadillo; Central nervous system (CNS); Neural crest; Branchial arches; Eye; Otic vesicle; Mesenchyme; Tailbud; Endoderm; Heart; Limb bud **75**, 151

Mesoderm; CMIX; Homeobox; Chick; Primitive streak; Gastrullation 75, 163

Mesoderm; Chick; CMIX; Gastrulation; Homeobox; Mix.1 75, 167

MesP1; MesP2; Knock-in; Somitogenesis; Heart morphogenesis 75, 53

MesP2; MesP1; Knock-in; Somitogenesis; Heart morphogenesis 75, 53

Metanephros; Development; Differential display; Eye; Frizzled; In situ hybridization; Joints; Kidney; Nervous system; sFRP; Wnt 75, 29

Mid blastula transition (MBT); Xenopus laevis; Development; Embryo; Cancer; HMG box; Tcf; Lef; Wnt; Wingless; β -catenin; Armadillo; Central nervous system (CNS); Neural crest; Branchial arches; Eye; Otic vesicle; Mesoderm; Mesenchyme; Tailbud; Endoderm; Heart; Limb bud 75, 151

Mix.1; Chick; CMIX; Gastrulation; Homeobox; Mesoderm 75, 167

Morphogenesis; *saliva*; *Drosophila*; Evolutionary conservation; Salivary glands; Salivary gland placodes; Embryo; Immunohistochemistry; Development **75**, 159

Mouse; Sonic hedgehog; Gene misexpression studies 75, 107

Mouse mutants; Facial primordia; Homeobox genes; Signalling molecules; Patterning; Neural crest; Wnt; Hh; Bone morphogenetic proteins; Fibroblast growth factors; Human craniofacial syndromes 75, 3

Muscle; Drosophila; Notch; sanpodo; numb 75, 117

Nervous system; Development; Differential display; Eye; Frizzled; In situ hybridization; Joints; Kidney; Metanephros; sFRP; Wnt 75, 29

Neural crest; Facial primordia; Homeobox genes; Signalling molecules; Patterning; Wnt; Hh; Bone morphogenetic proteins; Fibroblast growth factors; Mouse mutants; Human craniofacial syndromes 75, 3

Neural crest; Zic; odd-paired; Neural induction; Xenopus; Zic family; Zic1; Zic2; Zic3; Neural development; Neural plate; Neuroectoderm; Slug; Twist; Melanocyte; Somite; Zinc finger protein 75, 43

Neural crest; Endothelin 1; Endothelin-A receptor; Avian 75, 145

Neural crest; *Xenopus laevis*; Development; Mid blastula transition (MBT); Embryo; Cancer; HMG box; Tcf; Lef; Wnt; Wingless; β -catenin; Armadillo; Central nervous system (CNS); Branchial arches; Eye; Otic vesicle; Mesoderm; Mesenchyme; Tailbud; Endoderm; Heart; Limb bud **75**, 151

Neural crest; Xenopus laevis; Cadherin-11; Cell migration 75, 171

Neural development; Zic; odd-paired; Neural induction; Neural crest; Xenopus; Zic family; Zic1; Zic2; Zic3; Neural plate; Neuroectoderm; Slug; Twist; Melanocyte; Somite; Zinc finger protein 75, 43

Neural; *Xenopus*; Eomesodermin; Forebrain; Telencephalon; Olfactory; Placodes; Diencephalon; Cerebellum; T-box genes **75**, 155

Neural induction; Zic; odd-paired; Neural crest; Xenopus; Zic family; Zic1; Zic2; Zic3; Neural development; Neural plate; Neuroectoderm; Slug; Twist; Melanocyte; Somite; Zinc finger protein 75, 43

Neural plate; Zic; odd-paired; Neural induction; Neural crest; Xenopus; Zic family; Zic1; Zic2; Zic3; Neural development; Neuroectoderm; Slug; Twist; Melanocyte; Somite; Zinc finger protein 75, 43

Neuroectoderm; Zic; odd-paired; Neural induction; Neural crest; Xenopus; Zic family; Zic1; Zic2; Zic3; Neural development; Neural plate; Slug; Twist; Melanocyte; Somite; Zinc finger protein 75, 43

Notch; Drosophila; Muscle; sanpodo; numb 75, 117

numb; Drosophila; Notch; Muscle; sanpodo 75, 117

odd-paired; Zic; Neural induction; Neural crest; Xenopus; Zic family; Zic1; Zic2; Zic3; Neural development; Neural plate; Neuroectoderm; Slug; Twist; Melanocyte; Somite; Zinc finger protein 75, 43

Olfactory; *Xenopus*; Eomesodermin; Neural; Forebrain; Telencephalon; Placodes; Diencephalon; Cerebellum; T-box genes **75**, 155

Oogenesis; Development; RNA localization; Xenopus laevis; Germ plasm 75, 81

Otic vesicle; *Xenopus laevis*; Development; Mid blastula transition (MBT); Embryo; Cancer; HMG box; Tcf; Lef; Wnt; Wingless; β -catenin; Armadillo; Central nervous system (CNS); Neural crest; Branchial arches; Eye; Mesoderm; Mesenchyme; Tailbud; Endoderm; Heart; Limb bud 75, 151

Patterning; Facial primordia; Homeobox genes; Signalling molecules; Neural crest; Wnt; Hh; Bone morphogenetic proteins; Fibroblast growth factors; Mouse mutants; Human craniofacial syndromes **75**, 3

Placodes; *Xenopus*; Eomesodermin; Neural; Forebrain; Telencephalon; Olfactory; Diencephalon; Cerebellum; T-box genes **75**, 155

Primitive streak; CMIX; Homeobox; Chick; Mesoderm; Gastrullation 75, 163

Pronephic tubules; Xenopus laevis 75, 127

RNA localization; Development; Oogenesis; *Xenopus laevis*; Germ plasm 75, 81

saliva; Drosophila; Evolutionary conservation; Salivary glands; Salivary gland placodes; Embryo; Morphogenesis; Immunohistochemistry;
Development 75, 159

Salivary gland placodes; saliva; Drosophila; Evolutionary conservation; Salivary glands; Embryo; Morphogenesis; Immunohistochemistry; Development 75, 159 Salivary glands; saliva; Drosophila; Evolutionary conservation; Salivary gland placodes; Embryo; Morphogenesis; Immunohistochemistry; Development 75, 159

sanpodo; Drosophila; Notch; Muscle; numb 75, 117

sFRP; Development; Differential display; Eye; Frizzled; In situ hybridization; Joints; Kidney; Metanephros; Nervous system; Wnt 75, 29

siamois; Xenopus; Mesoderm 75, 95

Signalling molecules; Facial primordia; Homeobox genes; Patterning; Neural crest; Wnt; Hh; Bone morphogenetic proteins; Fibroblast growth factors; Mouse mutants; Human craniofacial syndromes **75**, 3

Slug; Zic; odd-paired; Neural induction; Neural crest; Xenopus; Zic family; Zic1; Zic2; Zic3; Neural development; Neural plate; Neuroectoderm; Twist; Melanocyte; Somite; Zinc finger protein 75, 43

Somite; *Zic*; *odd-paired*; Neural induction; Neural crest; *Xenopus*; *Zic* family; *Zic1*; *Zic2*; *Zic3*; Neural development; Neural plate; Neuroectoderm; *Slug*; *Twist*; Melanocyte; Zinc finger protein **75**, 43

Somitogenesis; MesP1; MesP2; Knock-in; Heart morphogenesis 75, 53

Sonic hedgehog; Mouse; Gene misexpression studies 75, 107

Stomodeum invagination region; Brachyury gene; Hemichordate embryos; Expression pattern; Archenteron invagination region 75, 139

Tailbud; *Xenopus laevis*; Development; Mid blastula transition (MBT); Embryo; Cancer; HMG box; Tcf; Lef; Wnt; Wingless; β -catenin; Armadillo; Central nervous system (CNS); Neural crest; Branchial arches; Eye; Otic vesicle; Mesoderm; Mesenchyme; Endoderm; Heart; Limb bud **75**, 151

T-box genes; *Xenopus*; Eomesodermin; Neural; Forebrain; Telencephalon; Olfactory; Placodes; Diencephalon; Cerebellum **75**, 155

Tcf; *Xenopus laevis*; Development; Mid blastula transition (MBT); Embryo; Cancer; HMG box; Lef; Wnt; Wingless; β -catenin; Armadillo; Central nervous system (CNS); Neural crest; Branchial arches; Eye; Otic vesicle; Mesoderm; Mesenchyme; Tailbud; Endoderm; Heart; Limb bud **75**, 151

Telencephalon; *Xenopus*; Eomesodermin; Neural; Forebrain; Olfactory; Placodes; Diencephalon; Cerebellum; T-box genes **75**, 155

TGF-β **signaling**; Betaglycan; Antisense oligodeoxynucleotide inhibition; Lung branching morphogenesis; Competitive PCR; Attenuation **75**, 67

Twist; Zic; odd-paired; Neural induction; Neural crest; Xenopus; Zic family; Zic1; Zic2; Zic3; Neural development; Neural plate; Neuroectoderm; Slug; Melanocyte; Somite; Zinc finger protein 75, 43

Wingless; *Xenopus laevis*; Development; Mid blastula transition (MBT); Embryo; Cancer; HMG box; Tcf; Lef; Wnt; β -catenin; Armadillo; Central nervous system (CNS); Neural crest; Branchial arches; Eye; Otic

vesicle; Mesoderm; Mesenchyme; Tailbud; Endoderm; Heart; Limb bud 75, 151

Wnt; Xenopus laevis; Development; Mid blastula transition (MBT); Embryo; Cancer; HMG box; Tcf; Lef; Wingless; β -catenin; Armadillo; Central nervous system (CNS); Neural crest; Branchial arches; Eye; Otic vesicle; Mesoderm; Mesenchyme; Tailbud; Endoderm; Heart; Limb bud 75, 151

Wnt; Development; Differential display; Eye; Frizzled; In situ hybridization; Joints; Kidney; Metanephros; Nervous system; sFRP 75, 29

Wnt; Facial primordia; Homeobox genes; Signalling molecules; Patterning; Neural crest; Hh; Bone morphogenetic proteins; Fibroblast growth factors; Mouse mutants; Human craniofacial syndromes 75, 3

Xenopus; Zic; odd-paired; Neural induction; Neural crest; Zic family; Zic1; Zic2; Zic3; Neural development; Neural plate; Neuroectoderm; Slug; Twist; Melanocyte; Somite; Zinc finger protein 75, 43

Xenopus; siamois; Mesoderm 75, 95

Xenopus; Eomesodermin; Neural; Forebrain; Telencephalon; Olfactory; Placodes; Diencephalon; Cerebellum; T-box genes **75**, 155

Xenopus laevis; Development; Oogenesis; RNA localization; Germ plasm 75, 81

Xenopus laevis; Pronephic tubules 75, 127

Xenopus laevis; Cadherin-11; Neural crest; Cell migration 75, 171

Xenopus laevis; Development; Mid blastula transition (MBT); Embryo; Cancer; HMG box; Tcf; Lef; Wnt; Wingless; β -catenin; Armadillo; Central nervous system (CNS); Neural crest; Branchial arches; Eye; Otic vesicle; Mesoderm; Mesenchyme; Tailbud; Endoderm; Heart; Limb bud **75**, 151

Zic; odd-paired; Neural induction; Neural crest; *Xenopus*; *Zic* family; *Zic1*; *Zic2*; *Zic3*; Neural development; Neural plate; Neuroectoderm; *Slug*; *Twist*; Melanocyte; Somite; Zinc finger protein **75**, 43

Zic1; Zic; odd-paired; Neural induction; Neural crest; Xenopus; Zic family; Zic2; Zic3; Neural development; Neural plate; Neuroectoderm; Slug; Twist; Melanocyte; Somite; Zinc finger protein **75**, 43

Zic2; Zic; odd-paired; Neural induction; Neural crest; Xenopus; Zic family; Zic1; Zic3; Neural development; Neural plate; Neuroectoderm; Slug; Twist; Melanocyte; Somite; Zinc finger protein 75, 43

Zic3; Zic; odd-paired; Neural induction; Neural crest; Xenopus; Zic family; Zic1; Zic2; Neural development; Neural plate; Neuroectoderm; Slug; Twist; Melanocyte; Somite; Zinc finger protein **75**, 43

Zic family; Zic; odd-paired; Neural induction; Neural crest; Xenopus; Zic1; Zic2; Zic3; Neural development; Neural plate; Neuroectoderm; Slug; Twist; Melanocyte; Somite; Zinc finger protein 75, 43

Zinc finger protein; *Zic*; *odd-paired*; Neural induction; Neural crest; *Xenopus*; *Zic* family; *Zic1*; *Zic2*; *Zic3*; Neural development; Neural plate; Neuroectoderm; *Slug*; *Twist*; Melanocyte; Somite **75**, 43